BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Diploma in Agriculture Pearson BTEC International Level 3 Extended Diploma in Agriculture
Unit number and title	Unit 19: Combinable crop production and processing
Learning aim(s)	**A** Investigate production requirements for combinable crops
Assignment title	**Production requirements**
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You are an assistant production manager at a farm that produces a number of different combinable crops. Your manager has asked you to carry out an investigation into production levels at the farm. This includes identifying issues that may affect production levels, and carrying out research into methods for improving productivity in order to make suggestions to improve production.
Task 1	Produce a detailed report that examines the different requirements of **three** different crops and crop varieties, and how this can affect crop selection and crop production. Include in your report: • the importance of considering crop variety demand • the production techniques and requirements • any legal requirements and how these can impact on combinable crop production
Checklist of evidence required	Report

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
A.D1	Evaluate the importance of production requirements, variety choices, techniques and legal requirements in establishing combinable crops.
A.M1	Assess the impact of production requirements, on combinable crop production.
A.M2	Assess the significance of variety choices and techniques in establishing combinable crops.
A.P1	Explain the key production requirements of combinable crops, including legal requirements.
A.P2	Explain the role of variety choices and techniques in establishing combinable crops.

Sources of information to support you with this Assignment	**Books** Berry, PM, Sylvester-Bradley, R et al (2011) *Yield potential of combinable crops in the UK (proceedings of the international fertiliser society)*, International fertiliser society, ISBN 978 0853103349 Varshney, RK, Roorkiwal, M et al (2017) *Genomic selection for crop improvement: New Molecular breeding strategies for crop improvement*, Chalcombe publications, ISBN 978 3319631684 **Journals/Magazines** Farmers Weekly **Websites** nfuonline.com